

## Title (en)

MOBILE BODY APPARATUS, EXPOSURE APPARATUS, AND DEVICE MANUFACTURING METHOD

## Title (de)

MOBILE KÖRPERVORRICHTUNG, BELICHTUNGSVORRICHTUNG UND VORRICHTUNGSHERSTELLUNGSVERFAHREN

## Title (fr)

APPAREIL DE CORPS MOBILE, APPAREIL D'EXPOSITION ET PROCÉDÉ DE FABRICATION DE DISPOSITIF

## Publication

**EP 3611572 A1 20200219 (EN)**

## Application

**EP 19196657 A 20140626**

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## Abstract (en)

A supporting member (25) on which a wafer table (WTB) is mounted is substantially kinematically supported, via six rod members (231 to 233, 241 to 243) placed on a slider (22). Further, coupling members (29) are placed facing in a noncontact manner via a predetermined gap, thin plate-shaped edges (25c) provided at both ends in the Y-axis direction of the supporting member (25). By this arrangement, vibration-damping is performed by the coupling members (29) (squeeze dampers) facing the edges (25c), on vibration of the supporting member (25) mounted on the wafer table (WTB). Further, because the supporting member (25) is kinematically supported via the plurality of rod members, it becomes possible to reduce deformation of the wafer table (WTB) that accompanies deformation of the slider (22).

## IPC 8 full level

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**G03F 7/70716** (2013.01 - EP KR US); **G03F 7/70758** (2013.01 - KR US); **G03F 7/709** (2013.01 - EP KR US);  
**G03F 7/70991** (2013.01 - EP KR US); **H01L 21/68** (2013.01 - US); **H01L 21/68714** (2013.01 - US); **H01L 21/68742** (2013.01 - US)

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## Designated contracting state (EPC)

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